

Title (en)

MOTOR VEHICLE AIR-CONDITIONING INSTALLATION EQUIPPED WITH AN ELECTRONIC CONTROL DEVICE

Title (de)

MIT EINER ELEKTRONISCHEN STEUERVORRICHTUNG AUSGESTATTETE KRAFTFAHRZEUG-KLIMAANLAGE

Title (fr)

INSTALLATION DE CLIMATISATION DE VEHICULE MUNIE D'UN DISPOSITIF ELECTRONIQUE DE CONTROLE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO03053727A1] The invention concerns an air-conditioning installation equipped with an injection calculator (42), an air-conditioning unit and an electronic control device (401). The installation further comprises measuring components for establishing values concerning the outside air stream temperature at the condenser input, the compressor output pressure (123), and the compressor input pressure (123). The electronic control device (401) resolves a linear equation, relating the mass flow rate of the coolant with the values measured by the measuring components to calculate an estimation of a quantity relative to the coolant. On the basis of said quantity, the electronic device can estimate the power absorbed by the compressor (14).

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